

Goat CPT1C Polyclonal Antibody | anti-CPT1C antibody

Goat Polyclonal to Human CPT1C

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51197	Goat	Dog, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Mouse, Hamster (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

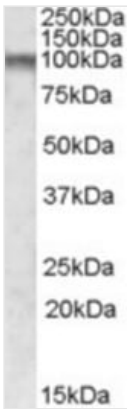
PRODUCT SYNONYMS

CPT1C; Polyclonal Antibody; Goat Polyclonal to Human CPT1C; Anti-CPT1C Antibody (Internal) IHC-plus; CPT1-B; CATL1; CPT IC; CPTI-B; CPTIC; CPT1P; Human CPT1C; anti-CPT1C antibody

PRODUCT SPECIFICATIONS

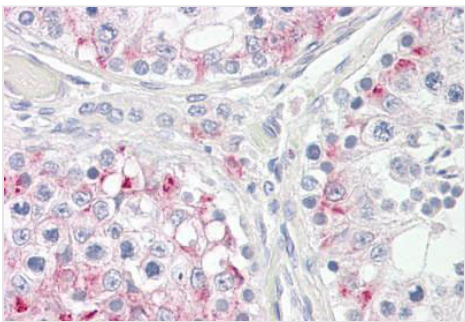
Host	Goat
Reactivity	Dog, Gorilla, Horse, Human, Monkey, Orangutan Predicted Reactivity: Mouse, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CPT1C. This antibody is expected to recognise both reported isoforms (NP_689572.1; NP_001129524.1). Reported variants represent identical protein (NP_001186681.1; NP_001186682.1; NP_689572.1).
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	803
Applicable Applications for anti-CPT1C antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-KSSTKTDSHRLGQH from an internal region of human CPT1C (NP_689572.1; NP_001129524.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Marmoset, Panda, Dog, Horse (100%); Mouse, Hamster (93%); Rat, Bovine (86%).
Immunogen Type	Synthetic peptide
Immunogen	CPT1C antibody was raised against synthetic peptide C-KSSTKTDSHRLGQH from an internal region of human CPT1C (NP_689572.1; NP_001129524.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Marmoset, Panda, Dog, Horse (100%); Mouse, Hamster (93%); Rat, Bovine (86%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

CPT1C antibody (1 ug/ml) staining of Human Frontal Cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-CPT1C antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 3.75 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22748777
NCBI GeneID	126129
NCBI Accession #	NP_689572.1
NCBI GenBank Nucleotide #	NM_152359.2
UniProt Accession #	Q8TCG5; Q5K6N5; Q8N6Q9; Q8NDS6; Q8TE84; A8K0Z8
Molecular Weight	81,000 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 1, brain isoform isoform 2
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 1C
NCBI Official Symbol	CPT1C
NCBI Official Synonym Symbols	CATL1; CPT1P; CPTIC; CPT1-B; CPTI-B
NCBI Protein Information	carnitine O-palmitoyltransferase 1, brain isoform; carnitine palmitoyltransferase I related C; carnitine O-palmitoyltransferase I, brain isoform
UniProt Protein Name	Carnitine O-palmitoyltransferase 1, brain isoform
UniProt Gene Name	CPT1C
UniProt Synonym Gene Names	CATL1; CPT1-B; CPTI-B
UniProt Entry Name	CPT1C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpt1c-antibody-western-blot-immunohistochemistry-elisa/51197>